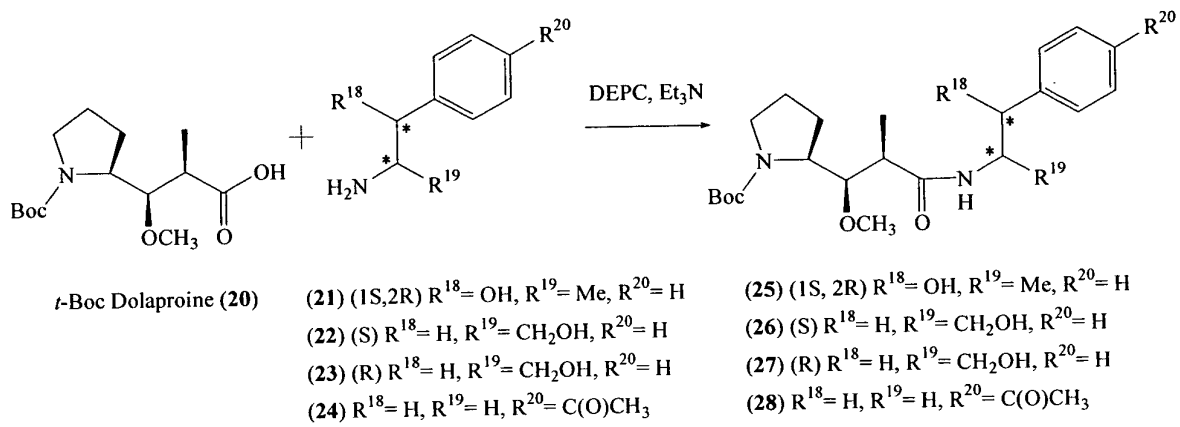
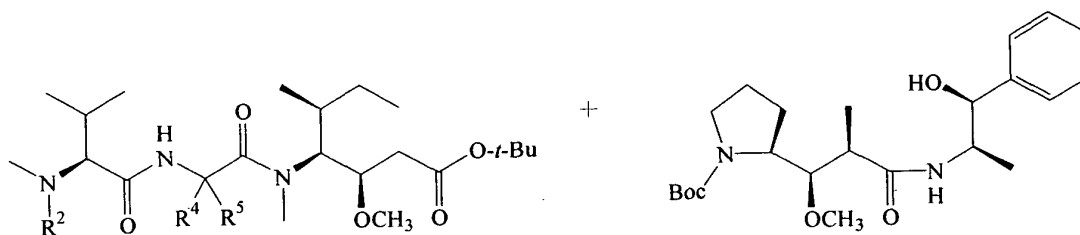


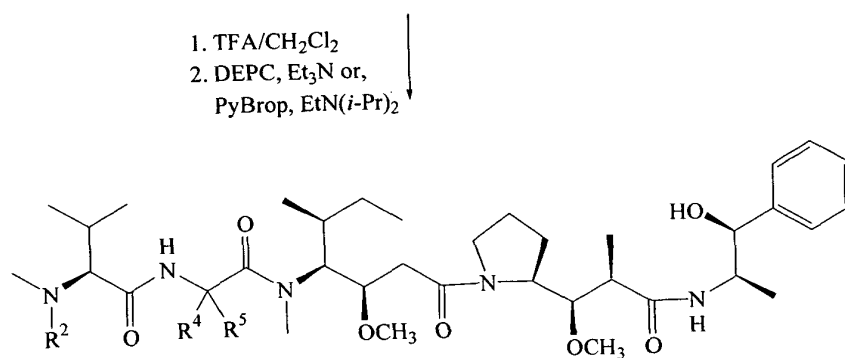
Fig. 1



*Fig. 2*

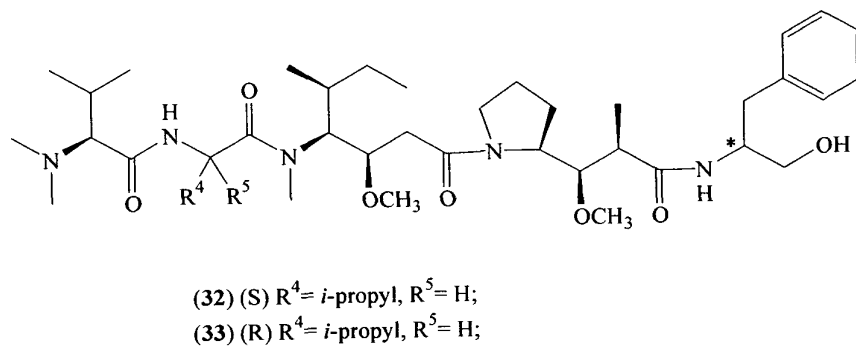
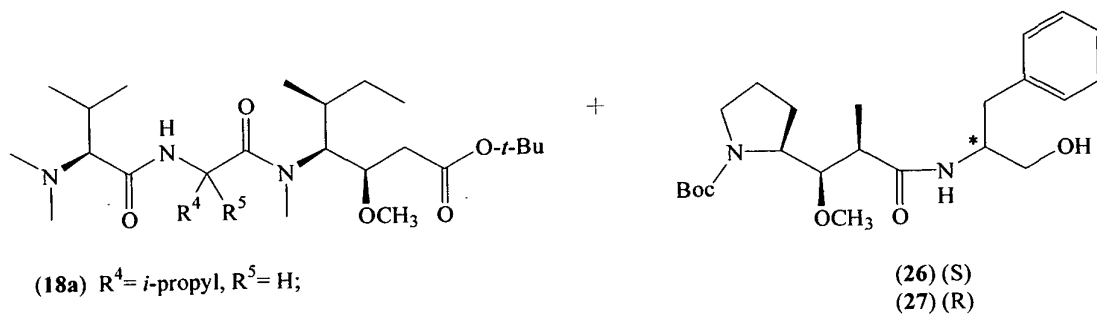


- (18a) R<sup>2</sup> = Me, R<sup>4</sup> = *i*-propyl, R<sup>5</sup> = H;  
 (18b) R<sup>2</sup> = Me, R<sup>4</sup> = *sec*-butyl, R<sup>5</sup> = H;  
 (19a) R<sup>2</sup> = Fmoc, R<sup>4</sup> = *i*-propyl, R<sup>5</sup> = H;  
 (19b) R<sup>2</sup> = Fmoc, R<sup>4</sup> = *sec*-butyl, R<sup>5</sup> = H;



- (29a, auristatin E) R<sup>2</sup> = Me, R<sup>4</sup> = *i*-propyl, R<sup>5</sup> = H;  
 (29b) R<sup>2</sup> = Me, R<sup>4</sup> = *sec*-butyl, R<sup>5</sup> = H;  
 (30a) R<sup>2</sup> = Fmoc, R<sup>4</sup> = *i*-propyl, R<sup>5</sup> = H;  
 (31a) R<sup>2</sup> = H, R<sup>4</sup> = *i*-propyl, R<sup>5</sup> = H;  
 (30b) R<sup>2</sup> = Fmoc, R<sup>4</sup> = *sec*-butyl, R<sup>5</sup> = H;  
 (31b) R<sup>2</sup> = H, R<sup>4</sup> = *sec*-butyl, R<sup>5</sup> = H;

Fig. 3



*Fig. 4*

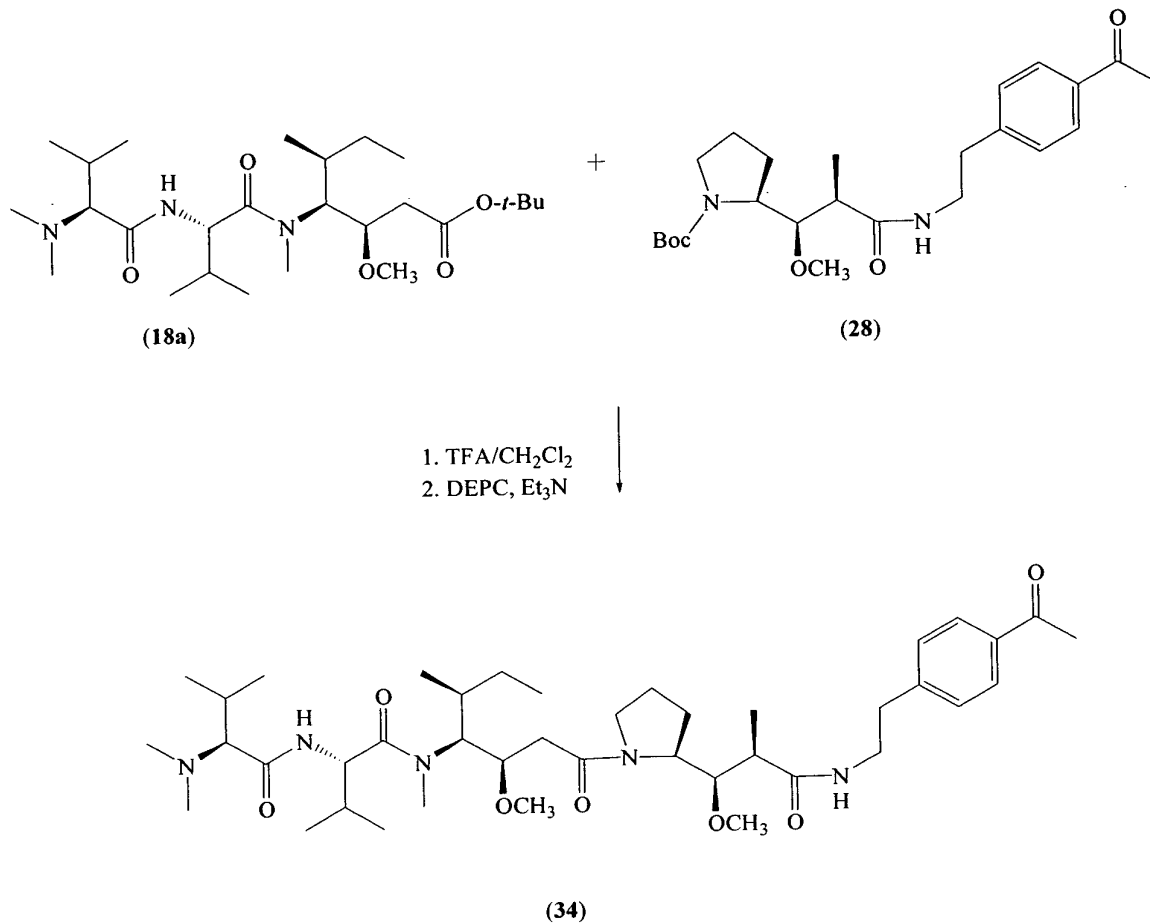


Fig. 5

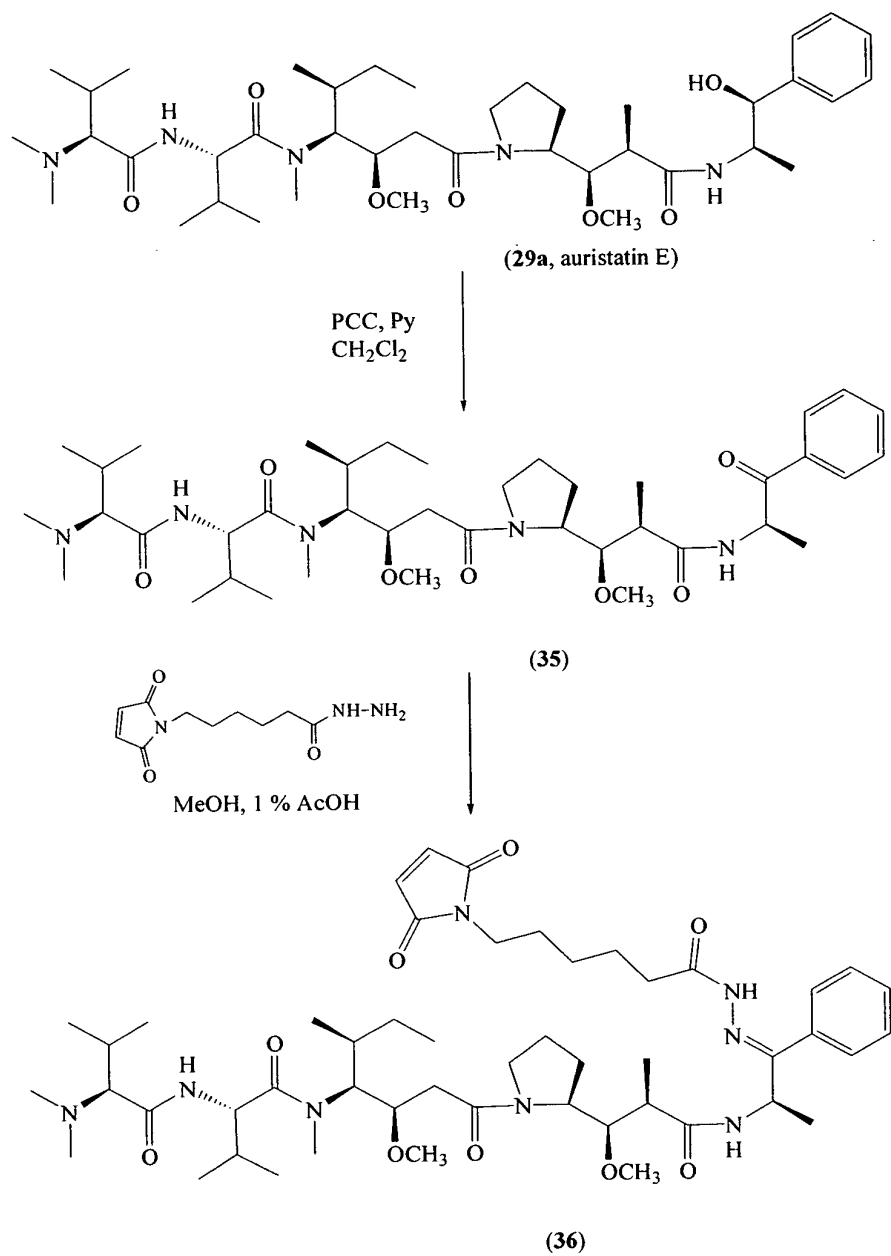
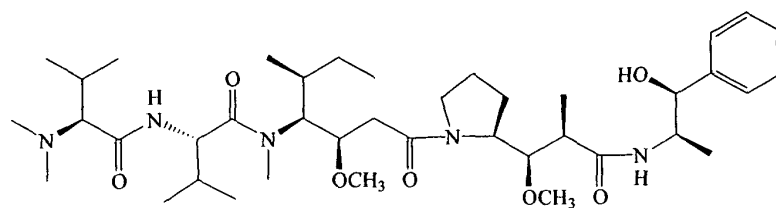
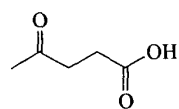


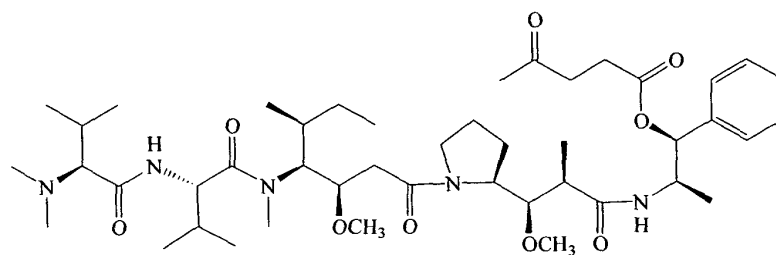
Fig. 6



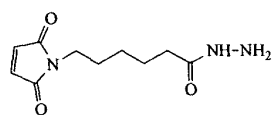
(29a, auristatin E)



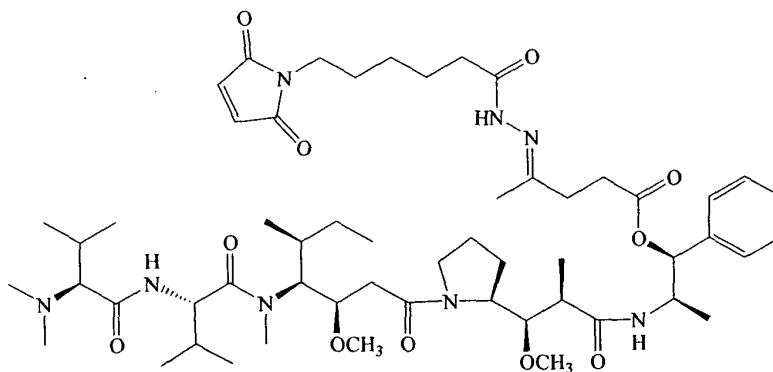
DCC, DMAP,  $\text{CH}_2\text{Cl}_2$



(37)



MeOH, 1 % AcOH



(38)

*Fig. 7*

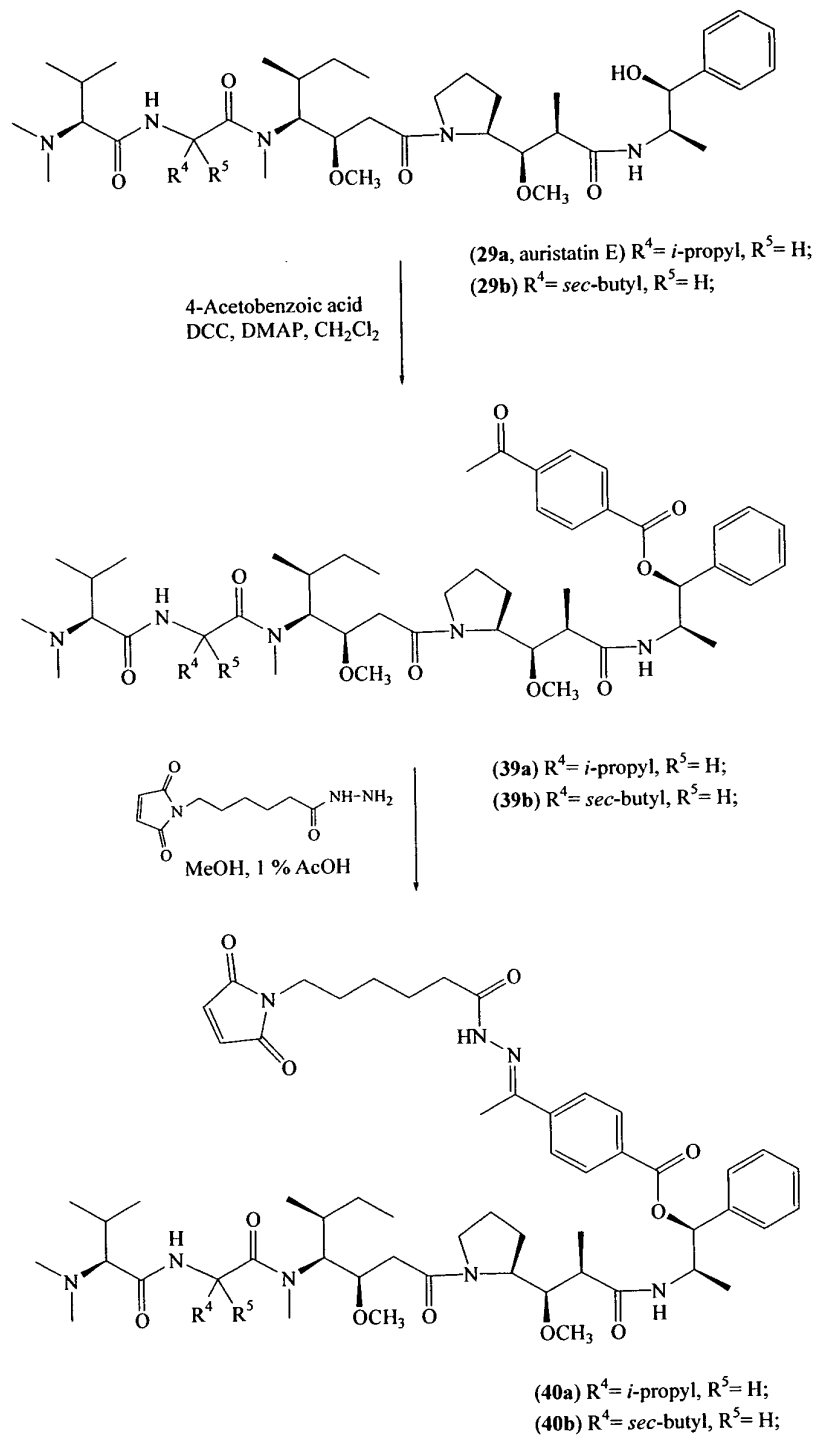


Fig. 8



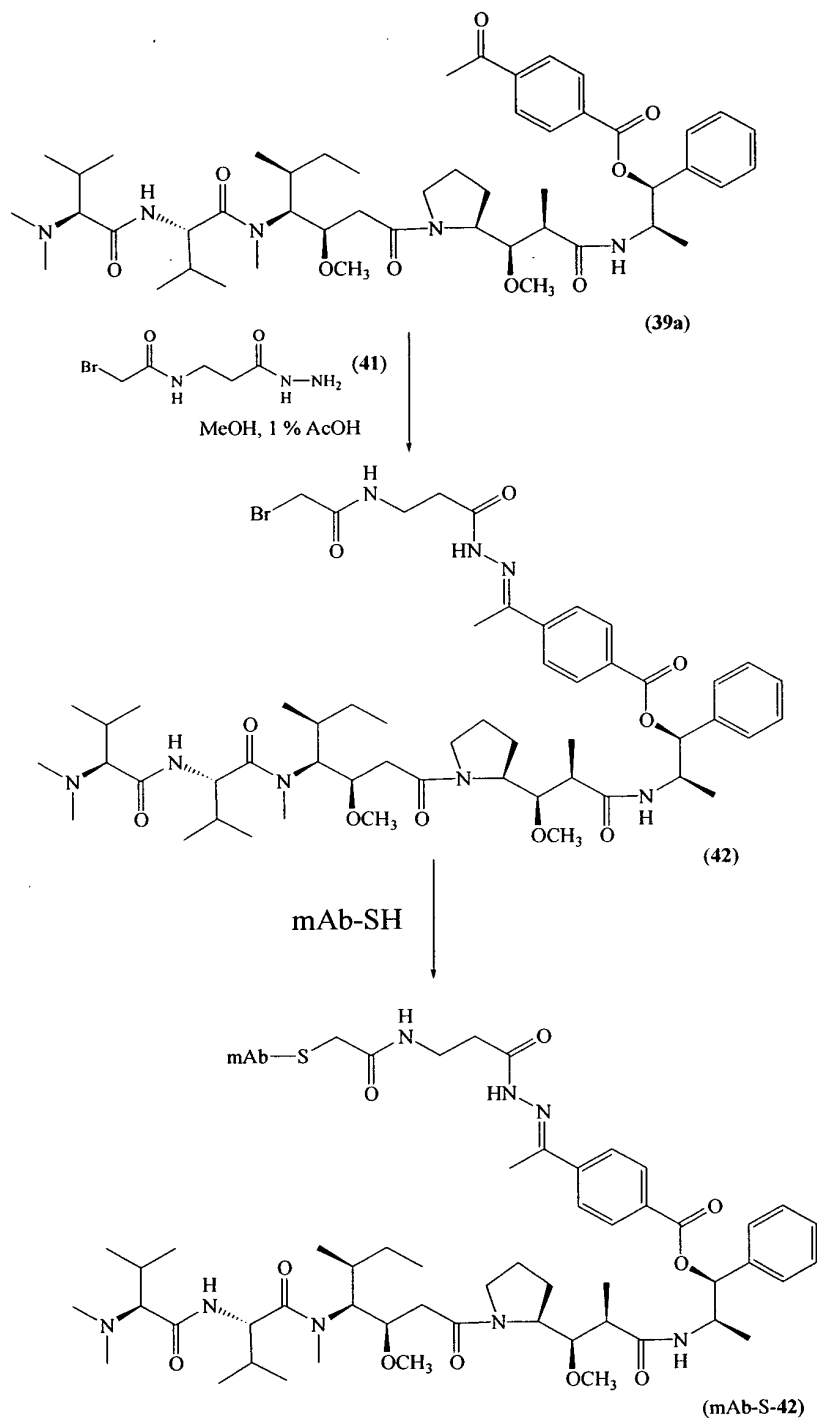
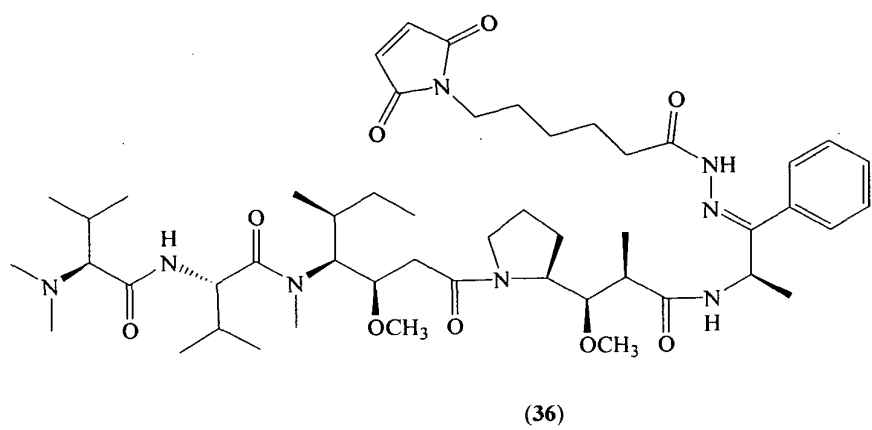
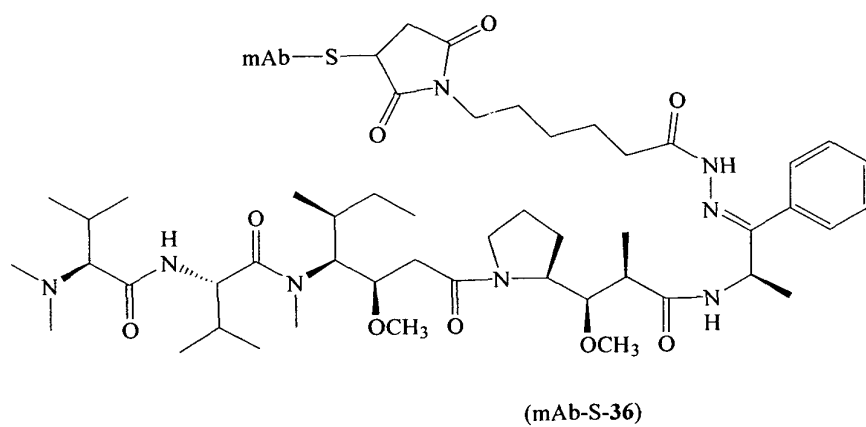


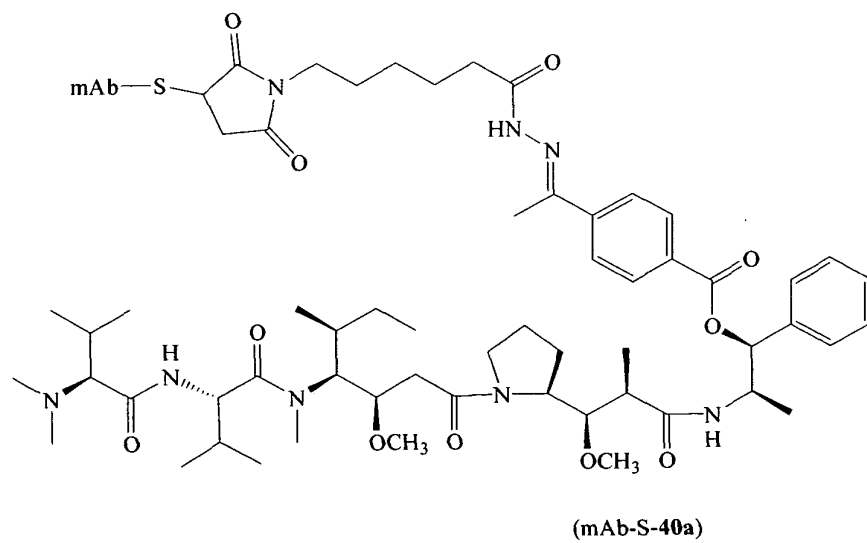
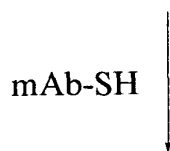
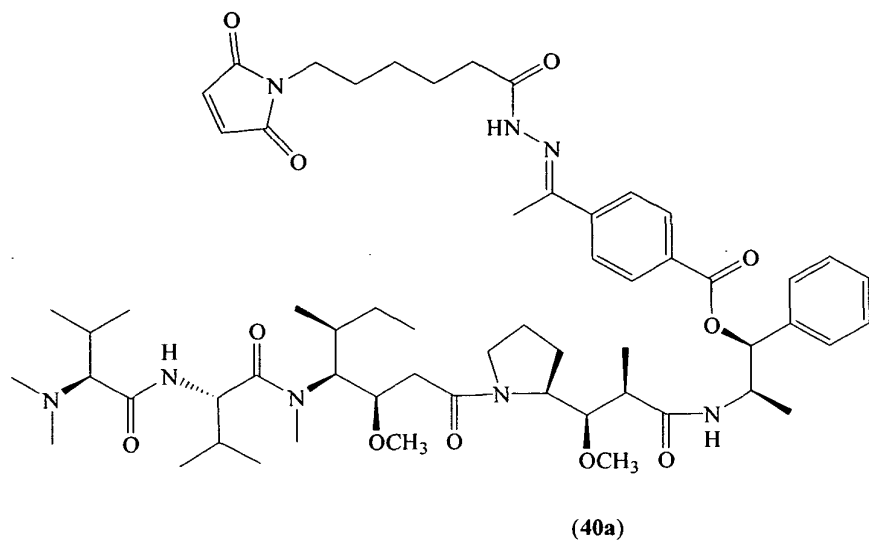
Fig. 9



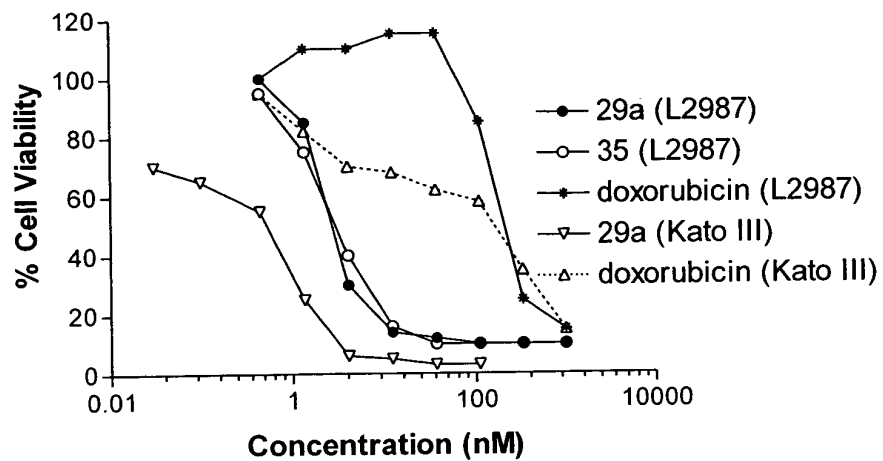
mAb-SH



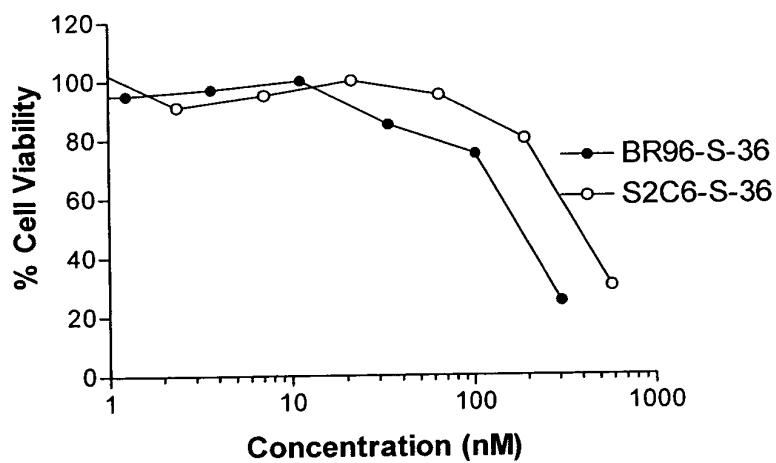
*Fig. 10*



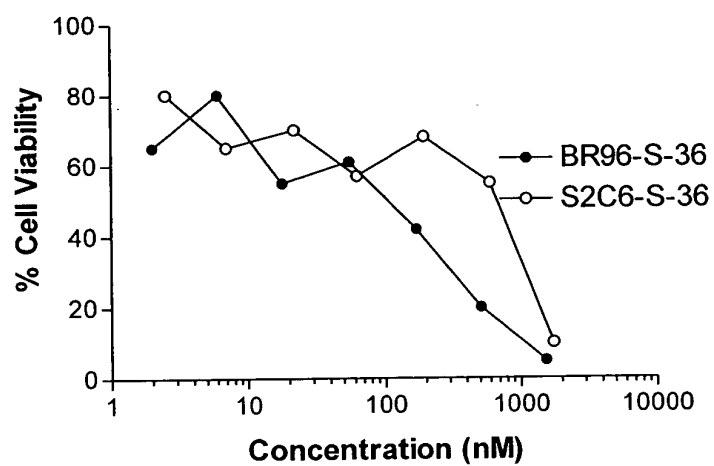
*Fig. 11*



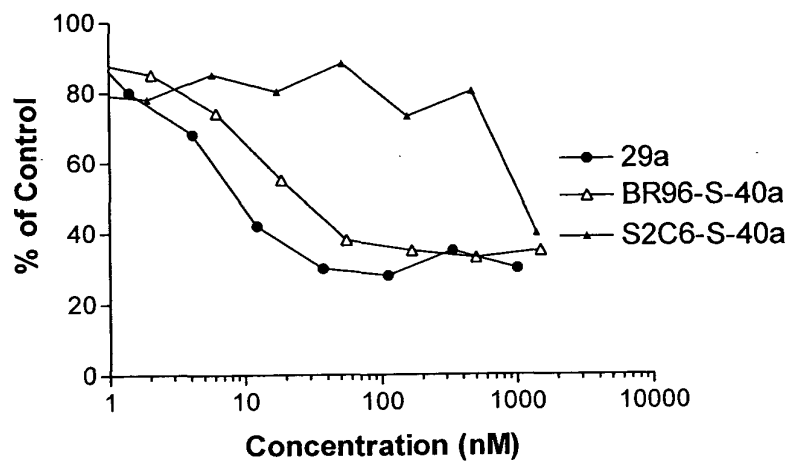
*Fig. 12A*



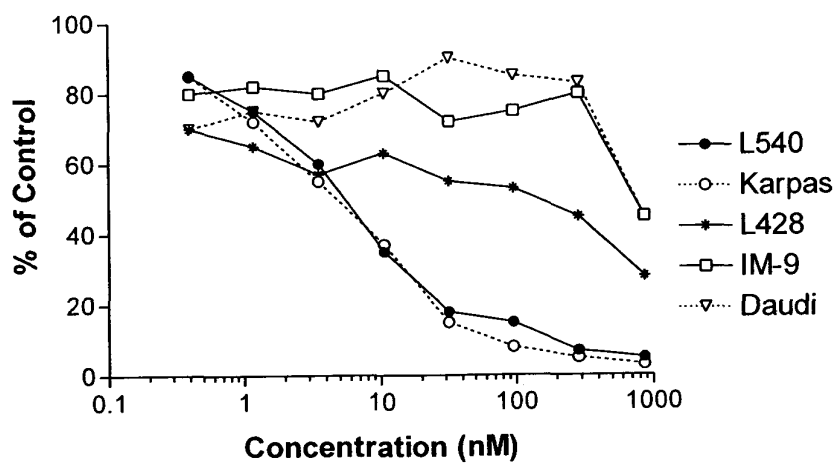
*Fig. 12B*



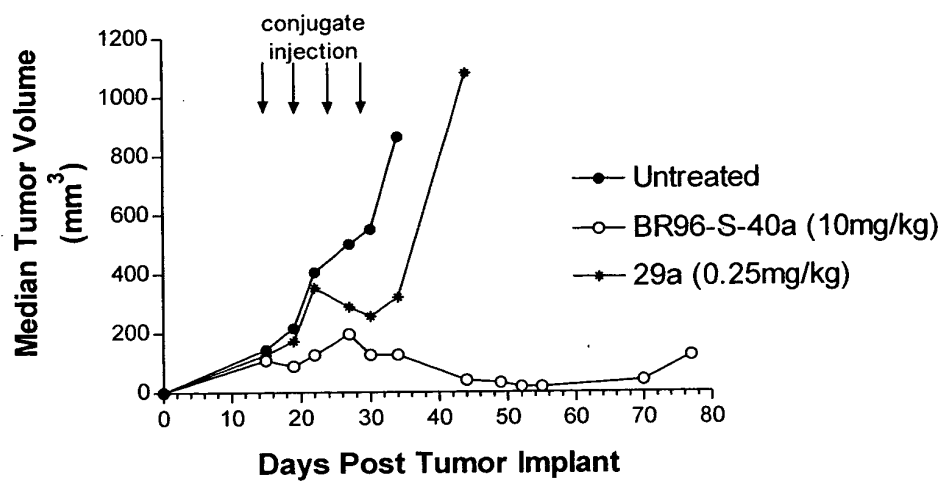
*Fig. 12C*



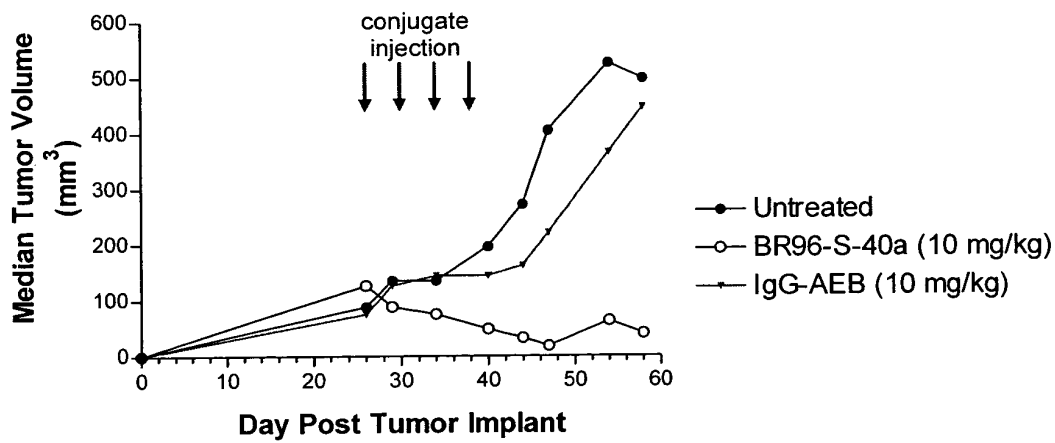
*Fig. 13A*



*Fig. 13B*



*Fig. 14A*



*Fig. 14B*